

09/29/03



18334 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

☒ DUPLICATE

Address to:

Box PATENT APPLICATION

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attorney Docket No.

ZHAN3003/EM

First Named Inventor
(or identifier)

Fanguo ZHANG

Total Pages

55

Transmitted herewith is a patent application under 37 CFR 1.53(b).

Entitled:

Apparatus And Method For ID-Based Ring Structure By Using Bilinear Pairings

- ☒ 1. Submitted herewith are the following:

22 pages of specification, including claims and Abstract.

3 sheets of FORMAL drawings (Figs. 1A, 1B, 1C, 2A, 2B).

12 claims.

1 Oath/Declaration signed by each inventor.

1 Application Data Sheet.

1 Assignment of the invention to Information and Communications University
Educational Foundation, Seoul, Korea

Cover Sheet, and payment of the \$40 recordal fee.

1 certified copy of Korean application no. 10-2002-0083113. Priority is claimed.

1 check in the amount of \$415 (\$375- Filing Fee; \$40- Assignment Recordation Fee).

- ☒ 2. SMALL ENTITY STATUS IS ASSERTED pursuant to 37 CFR 1.27 for this application.

- ☒ 3. The Commissioner is authorized to credit any overpayment and charge any deficiency in any fees required under 37 CFR 1.16 and/or 1.17, to Deposit Account No. 02-0200.

- ☐ 4. Insert before the first sentence of the specification: - - This application claims the benefit of provisional application number _____ filed _____. - -

- ☐ 5. Insert before the first sentence of the specification: - - This application is a Continuation-in-part of nonprovisional application number _____ filed _____. - -

- ☐ 6. Other: _____.

The registered practitioners representing applicant(s) are J. Ernest Kenney, Reg. No. 19,179; Eugene Mar, Reg. No. 25,893; Richard E. Fichter, Reg. No. 26,382; Thomas J. Moore, Reg. No. 28,974; Joseph DeBenedictis, Reg. No. 28,502; and Benjamin E. Urcia, Reg. No. 33,805.

THE FILING FEE IS CALCULATED AS FOLLOWS:

Basic Fee: \$750.00

Total Claims: 12

- 20 =

0

X \$18 =

\$0.00

Independent Claims: 2

- 3 =

0

X \$84 =

\$0.00

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23364

CUSTOMER NUMBER

Multiple Dependent Claim (add \$280.00): \$0.00

Subtotal: \$750.00

50% Reduction if Small Entity Status: \$375.00

Phone: 703-683-0500

Fax: 703-683-1080

Total: \$375.00

Date:

Name:

Signature:

Reg. No.

September 29, 2003

Richard E. Fichter

26,382

21905 U.S. PTO
10/671485

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